| . Index of Claims |            |              |         |  |                             |                      |            |              |          |          |         | Application/Control No. |               |                |           |        |     |          |            |          |                 | Applicant(s)/Patent under Reexamination |        |          |           |          |     |  |
|-------------------|------------|--------------|---------|--|-----------------------------|----------------------|------------|--------------|----------|----------|---------|-------------------------|---------------|----------------|-----------|--------|-----|----------|------------|----------|-----------------|---|--------|----------|-----------|----------|-----|--|
|                   |            |              |         |  |                             |                      |            |              |          |          |         | 10/039,955<br>Examiner  |               |                |           |        |     |          |            |          | HARMS ET AL.    |   |        |          |           |          |     |  |
|                   |            |              |         |  |                             |                      |            |              |          |          |         |                         |               | Avalon Blenman |           |        |     |          |            |          |                 | 2153                                    |        |          |           |          |     |  |
|                   |            |              |         |  |                             |                      |            |              |          |          |         |                         |               | -1\            |           |        |     |          |            |          |                 |   |        |          |           |          |     |  |
|                   | √ Rejected |              |         |  | (Through numer<br>Cancelled |                      |            |              |          | erai     | )<br>—  |                         | N Non-Elected |                |           |        |     |          | Δ          | Appeal   |                 |   |        | _        |           |          |     |  |
|                   |            | = Allowed    |         |  |                             |                      | Restricted |              |          |          | i Inter |                         |               | terfe          | erer      | nce    |     | 0        | Objected   |          |                 |   |        |          |           |          |     |  |
| Clai              | Claim Date |              |         |  |                             |                      | Claim      |              |          |          | _       | Date                    | 9             |                |           | 7      | Cla | Claim    |            | Date     |                 |   | е      |          |           |          |     |  |
| Final             | Original   | 173/08       |         |  |                             |                      |            | Final        | Originat |          |         |                         |               |                |           |        |     | Final    | Original   |          |                 |   |        |          |           |          |     |  |
|                   |            | ↲            | +       | ╀  | ╁┼╌                         | ╁                    | $\dashv$   |              | 51       | +        | ╬       | ╫                       | Н             | $\dashv$       | $\dashv$  | +      | ┨   | $\vdash$ | 101        | H        | $\dashv$        | ╁                                       | ╀      | ┢        |           | - -      |     |  |
|                   | 2          | 1            | 丰       |  |                             |                      | 7          |              | 52       | #        | #       | 1                       | П             | $\Box$         | 1         | Ŧ      | 1   |          | 102        | П        | 丰               | 1                                       | Ŧ      |          | $\Box$    | 丰        |     |  |
| <b>├</b> ─┤       | _          | <del>/</del> | +       | -  | ╁┼                          | ╂╼╂                  | +          |              | 53<br>54 | +        | +       | +                       | Н             | $\dashv$       | $\dashv$  | +      | ┨   | H        | 103<br>104 | Н        | +               | ╫                                       | ╁      | -        | $\vdash$  | +        |     |  |
| ·                 | 5          | V            | 工       |  |                             | П                    | 4          |              | 55       | 4        | Ţ       |                         |               |                | 7         | 1      | 1   |          | 105        | П        | 1               | Ţ                                       | T      |          | $\square$ |          |     |  |
| <u> </u>          |            | 1            | +       |  | ╀╌┼╌                        | ╀                    | $\dashv$   | $\vdash$     | 56<br>57 | +        | +       | ╬                       | Н             | $\vdash$       | +         | ╫      | ┨   | $\vdash$ | 106<br>107 | ╂─┨      | ┰               | ╁                                       | ╁╌     | $\vdash$ | $\vdash$  | —        |     |  |
|                   | 8          | <b>√</b>     | 士       |  |                             |                      |            |              | 58       | 土        | 士       | 工                       |               |                | 1         | 士      | 1   |          | 108        |          | 士               | 士                                       | 上      |          |           |          |     |  |
|                   |            | <del>}</del> | _       |  | <del>    -</del>            | $\sqcup$             | 4          |              | 59<br>60 | -        | +       | +                       | $\vdash$      | Н              | -         | +      | 4   | <u> </u> | 109        | ╀┤       | +               | +                                       | ╀      | ╀        | $\vdash$  |          |     |  |
| <del>     </del>  |            | il           | 十       | $\vdash$   | <del>    -</del>            | H                    | ┥          |              | 61       | +        | +       | 十                       | Н             | $\dashv$       | $\dashv$  | +      | 1   |          | 111        | Н        | $\dashv$        | +-                                      | +      | 十        | H         | +-       |     |  |
|                   | (2)        | ग            |         |  |                             |                      |            |              | 62       | 1        | 1       | T                       |               | $\Box$         | $\Box$    | $\bot$ | ]   |          | 112        | $\Box$   | $\Box$          | 1                                       | Ţ      | Е        | П         |          |     |  |
| }                 |            | 7            | +       | $\vdash$   | $\vdash$                    | ╌                    | ┥          | -            | 63<br>64 | ┿        | ┿       | ┿                       | $\vdash$      | Н              | ┪         | ╬      | ┨   | $\vdash$ | 113<br>114 | Н        | ╌┼              | ╌                                       | +      | ╁        | Н         | ╫        |     |  |
|                   | 15         | V            | 士       |  | 士                           |                      | ╛.         |              | 65       | 士        | İ       | 士                       |               |                |           | 土      | 1   |          | 115        |          |                 | 土                                       |        | 匚        |           | 士        |     |  |
|                   |            | <u> </u>     | 4       | $oxed{\Box}$                                     | 1                           | $\Box$               | _          | L            | 66<br>67 | 4        | 1       | +                       | Н             | Н              | -         | +      | 4   | $\vdash$ | 116<br>117 | Н        | $\dashv$        | +                                       | +      | ╄        | Н         |          |     |  |
| <del> </del>      |            | <del> </del> | +       | $\vdash$   | ╁┼┼                         | ╁┼                   | $\dashv$   | <b>-</b>     | 68       | ╅        | ╁       | ╫                       | H             | ╁              | ᆉ         | 十      | 1   |          | 118        | Н        | +               | ╅                                       | ╁      | ╁        | Н         | ╅        | ·   |  |
|                   | 19         | 1            |         |  |                             | П                    | コ          |              | 69       | 丰        | 1       | I                       |               | П              |           | 丰      | ]   |          | 119        |          | $\Box$          | 工                                       | 1      | L        | П         |          |     |  |
|                   |            | 1            |         | $\vdash$   | $\vdash$                    | ${oldsymbol{arphi}}$ | $\dashv$   |              | 70<br>71 | ┽        | +       | ╫                       | $\vdash$      | Н              | $\dashv$  | +-     | -   | <u> </u> | 120<br>121 | ╀┤       | +               | +                                       | ┿      | ╁        | Н         |          |     |  |
|                   | 22         | H            | 十       | H  | ++                          | Н                    | _          |              | 72       | 十        | +       | T                       |               |                | 1         | $\pm$  | 1   |          | 122        | $\Box$   |                 | $\pm$                                   | 士      |          |           |          |     |  |
|                   | 23         | $\Box$       |         |  |                             | П                    | 7          |              | 73       | $\Box$   | $\perp$ | $\bot$                  |               |                | $\Box$    |        | 7   |          | 123        |          | $\Box$          | Ŧ                                       | T      |          |           |          |     |  |
|                   | 24<br>25   | +            |         | ┝┼   | ╀                           | ╂╌╂                  | -          | <u> </u>     | 74<br>75 | ┽        | +       | +                       | Н             | Н              | +         | +      | -   | <u> </u> | 124<br>125 | $\vdash$ | +               | ┿                                       | ┿      | ╁        | $\vdash$  | ╬        |     |  |
| <del>  </del>     | 26         | +            | +       | H  |                             | H                    | _          |              | 76       | $\top$   | +       | T                       | $\Box$        | Н              | 士         | $\top$ | 1   |          | 126        |          |                 | T.                                      | 上      |          |           | 上        |     |  |
|                   | 27         | $\Box$       |         |  |                             |                      |            |              | 77       | $\dashv$ | $\perp$ | Ţ                       | $\Box$        | П              | _         | $\bot$ | ]   |          | 127        |          | Д.              | $\bot$                                  | $\bot$ | L        | П         | 4        |     |  |
|                   | 28<br>29   | +            | +       |  | ╂╌┼╌                        | $\vdash \vdash$      | $\dashv$   | <u> </u>     | 78<br>79 | +        | +       | ┿                       | Н             | Н              | +         | ╬      | ┨   | $\vdash$ | 128<br>129 |          | $\vdash$        | +                                       | ╁      | ╀        | +         | +        |     |  |
|                   | 30         | 1            |         |  |                             | $\Box$               | <b></b>    |              | 80       | 士        | 上       | I                       |               |                | 士         | 1      | 1   |          | 130        |          |                 |   | 工      |          |           |          |     |  |
|                   | 31         | $\dashv$     |         |  | $\Box$                      |                      | $\exists$  |              | 81       | 4        | 4       | 1                       | $\sqcup$      | Н              | -         | ŀ      | 4   | <u> </u> | 131<br>132 |          | $\dashv$        | +                                       | +      | ╄-       | Н         |          |     |  |
| <b>├</b>          | 32         | ╗            | -       | ├┼╴  | ++                          | H                    | ┥          | <del> </del> | 82<br>83 | +        | ╂       | ╁                       | Н             | H              | -+        | +      | ┨   | ├        | 133        |          | +               | ╁                                       | ╁      | ╁╌       | $\vdash$  | +-       | {   |  |
|                   | 34         |              |         |  |                             | П                    | ╛          |              | 84       | ユ        | 土       | 土                       |               | III            | 1         | 土      | 1   |          | 134        |          |                 | 土                                       | 工      |          | П         |          | · · |  |
|                   | 35         | 4            | 4-      |  | $\vdash \vdash$             | Н                    | _          |              | 85       | 4        | 4       | +                       | ┡             | Н              | 4         | +      | 4   | <u> </u> | 135<br>136 |          | $\dashv$        | +                                       |        | ╁        | Н         | 4-       | ł   |  |
| <del>  </del>     | 36<br>37   | $\dashv$     | +       | $\vdash\vdash$                                   | ++-                         | ╀                    | $\dashv$   | -            | 86<br>87 | ╁        | ╌       | ╁                       | ╁╴            | Н              |           | 十      | ┪   | -        | 137        |          | +               | ╫                                       | ┿      | ╁        | Н         | +        | ,   |  |
|                   | 38         | ╛            | 士       |  |                             |                      |            |              | 88       | 士        |         | 上                       | 上             |                | コ         | 土      | 1   |          | 138        |          |                 | T                                       |        |          |           |          |     |  |
|                   | 39         | $\exists$    | $\Box$  |  |                             | П                    | 4          |              | 89       | 4        | 4       | $\bot$                  | $\perp$       | П              | $\dashv$  | $\bot$ | 4   | <u> </u> | 139        |          | $\dashv$        | 4                                       | $\bot$ |          | Ш         |          |     |  |
| <del>  </del>     | 40         | +            | +       | ├┼╴  | ++-                         | ╁┼                   | $\dashv$   | -            | 90<br>91 | +        | +       | ╁                       | $\vdash$      | Н              | $\dashv$  | +-     | 4   | $\vdash$ | 140        |          | $\dashv$        | +                                       | +      | 十        | Н         | +        | 1   |  |
|                   | 42         | ╛            | 土       | ഥ  | 止                           | 口                    | ゴ          |              | 92       | 士        | 士       | 工                       | 口             | 口              | $\exists$ | 土      | 1   |          | 142        |          | 口               | #                                       | 1      |          | Ħ         | 工        | 1   |  |
|                   | 43         | 4            |         | $\prod$  | $\prod$                     | Н                    | 4          | <u> </u>     | 93       | $\bot$   | $\bot$  | $\bot$                  | $\vdash$      | Ц              | $\dashv$  |        | 4   | $\vdash$ | 143        |          | oxdot           | +                                       | +      | -        | $\vdash$  | +        |     |  |
| $\vdash$          | 44         | $\dashv$     | +       | ╁  | ++                          | ╁┼                   | $\dashv$   | -            | 94<br>95 | +        | 十       | +                       | $\vdash$      | Н              | $\dashv$  | +      | 1   | $\vdash$ | 144        |          | $\vdash$        | +                                       | +      | +        | Н         | $\dashv$ | 1   |  |
|                   | 46         | 寸            | 土       | ഥ  | ഥ                           | 口                    | ゴ          |              | 96       | $\Box$   | 1       | 工                       |               |                |           | 土      | 1   |          | 146        |          | 耳               |   | 1      |          |           | 工        | 1   |  |
|                   | 47         | 4            | $\perp$ | $\vdash \vdash$                                  | $+\Gamma$                   | H                    | 4          | $\vdash$     | 97<br>98 |          | 1       | +                       | $\vdash$      | H              | $\dashv$  | +      | -   | <u> </u> | 147<br>148 |          | $\vdash \vdash$ | +                                       | +      | +        | $\vdash$  | +        |     |  |
|                   | 48<br>49   | ┥            | +       | <del>                                     </del> | ╁╂╌                         | ╁╼╁                  | $\dashv$   | <del> </del> | 99       | +        | +       | +                       | H             | Н              | $\dashv$  | +      | 1   | $\vdash$ | 149        | П        | $\vdash$        | +                                       | +      | 十        | $\vdash$  |          | 1   |  |
|                   | 50         |              | 土       |  | 止                           | П                    |            |              | 100      | 工        | 土       | 工                       |               |                |           |        | 1   |          | 150        |          | 口               | 工                                       |        | L        | $\Box$    | 止        | ] . |  |